

Claims

What is claimed is:

- 1 1. A web server architecture comprising a web interface for providing a plurality of  
2 data transmission paths to the web, wherein at least one of the plurality of data  
3 transmission paths is an unrestricted data transmission path and wherein at least  
4 one of the plurality of transmission paths is a restricted data transmission path.
- 1 2. The web server architecture of claim 1, wherein the restricted data transmission  
2 path comprises a fire wall device for preventing the transmission of unauthorized  
3 data.
- 1 3. The web server architecture of claim 1, wherein the web server interface  
2 discriminates sensitive data and routes the data to the restricted data transmission  
3 path.
- 1 4. The web server architecture of claim 1, wherein the web interface comprises a  
2 plurality of web servers couple together through a local bus network.
- 1 5. The web server architecture of claim 4, further comprising a file server, at least  
2 one application server and a data base couple to each other and the plurality of  
3 web servers through the local bus network.

- 1       6.     The web server architecture of the claim 5, further comprising a control box  
2             couple to each of the plurality of web server, the file server, the at least one  
3             application server, and the data base for monitoring their physical condition.
- 1       7.     The web server architecture of claim 5, wherein local bus network comprises a  
2             pre-configured wire harness for providing physical connectivities of each of the  
3             plurality of web servers, the file server, the at least one application server and the  
4             data base to the local bus network.
- 1       8.     The web server architecture of claim 7, wherein the preconfigured wire harness  
2             comprises a switch for switching the connectivities of the at least one application  
3             server with the connectivities of one of the plurality of web servers.
- 1       9.     The web server architecture of claim 5, wherein the file server stores  
2             configuration files for programing each of the plurality of web servers, the at least  
3             one application server and the data base.
- 1       10.    The web server architecture of claim 9, wherein the file server automatically and  
2             periodically programs each of the plurality of web servers and the at least one  
3             application server to perform.
- 1       11.    An method for building a web server support system comprising the steps of:  
2             a.     providing a network bus configured to support data transmissions between  
3             system components and a files server;

- 4           b.     downloading configuration files corresponding to each type of system  
5                 component in to the file server; and  
6           c.     transmitting the configuration file corresponding to each type of system  
7                 component, wherein transmitting the configuration file corresponding to  
8                 each type of system component programs each component to perform a  
9                 predetermined function.

1    12.    The method of claim 11, wherein the step of downloading configuration files  
2           corresponding to each type of system component into the file server is initiated  
3           from a remote location and over the web.

1    13.    The method of claim 12, wherein the step of transmitting the configuration file  
2           corresponding to each type of system component is initiated by each type of  
3           system component.

1    14.    A method of efficient transmitting data between the web and a web server  
2           network having a plurality of web servers, the method comprising the steps  
3           a.     discerning sensitive data and non-sensitive data;  
4           b.     routing non-sensitive data through a non-restricted pathway between the  
5                 web and the web server network; and  
6           c.     routing sensitive data through a restricted pathway between the web and  
7                 the web server network, wherein the restricted pathway comprises a  
8                 firewall device.

- 1 15. An auto-programing web support system for supporting a web site, the system  
2 comprising:
- 3 a. a plurality of web servers;
- 4 b. a plurality of application servers;
- 5 c. a file server for storing configuration files from programing the plurality of  
6 web servers and the plurality of application servers;
- 7 d. a data base;
- 8 e. a system network for providing the connectivities between the file server,  
9 the web servers, the application servers and the data base and for  
10 transmitting the configuration files from the file server to the web servers  
11 and the application servers, wherein transmitting the configuration files  
12 from the file server to the web servers and the application servers  
13 programs the web servers and the application servers; and
- 14 f. a connection means for connecting the web servers to the web and through  
15 which data is transmitted between the web servers and the web.
- 1 16. The system of claim 15, wherein the system network includes a wire harness  
2 providing predetermined connectivities for each of the web servers and  
3 application servers.
- 1 17. The system of claim 15, wherein each of the web servers and application servers  
2 is programed according to a predetermined function with as determined by the  
3 server's serial number.

- 1 18. The system of claim 15 wherein the configuration files are down loaded to the file  
2 server over the web from a remote location.  
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- 1 19. The system of claim 15, wherein the system further includes a control unit that  
2 monitors the physical condition of the web servers and application servers.
- 1 20. The system of the claim 19, wherein the control unit initiates an alarm in the event  
2 that the physical condition any one web servers and application servers  
3 jeopardizes its functionality.
- 1 21. The system of the claim 15, wherein the connection means for connecting the  
2 system to the web comprises a plurality of data transmission pathways for  
3 transmitting data between the system and the web.
- 1 22. The system of claim 21, wherein one of the transmission pathways comprises a  
2 firewall.
- 1 23. The system of the claim 21, wherein the system discriminates sensitive data and  
2 routes the sensitive data to the transmission pathways comprising the firewall